CENTRAL COUNCIL OF INDIAN MEDICINE

POST GRADUATE FINAL YEAR 13. MS (AYU) SHALYA TANTRA - GENERAL SURGERY

Shalya Tantra Vangmaya - Literature, PAPER - I **Research and Development**

100 Marks 100 Hours

- 1. Thorough study of the Sushruta Samhita including other relevant portions of Brihattrayee and Laghutrayee.
- 2. Knowledge and importance of Surgical Audit and Research.
- 3. Medico legal issues Understanding the implications of acts of omission and commission in practice. Issues regarding Consumer Protection Act, medical profession, national health policy - Implications in a medico-legal case like accidents, assaults etc.
- 4. Surgical ethics including Informed consent.
- 5. Yogya Vidhi Practical and Experimental training on different types of Surgical Models for Research in Surgery.
- 6. Clinical and diagnostic methods in Shalya Tantra X-rays, U.S.G., Endoscopies (for diagnostic and treatment purposes), MRI, CAT scanning and other recent diagnostic
- 7. Concept of Sandhana Karma Plastic reconstructive and cosmetic surgery. Fundamentals of Sandhana Karma -
 - Karna Sandhana Auroplasty
 - ii. Nasa Sandhana Rhinoplastyiii. Ostasandhana Cheiloplasty

 - iv. Grafts and Flaps Techniques and applications.
 - v. Vascular anastomosis and grafts.
- 8. Recent development on Sushruta's surgical principles and practices.

PAPER - II - SHALYA TANTRA VIGYAN

100 Marks 100 Hours

- 1. Vrana Wound management
 - i. Management of Nija Vrana, Dushta Vrana and Nadi Vrana.
 - ii. Vrana Chikitsa Shasti upakramas, Pathya-apathya.
 - iii. Wound and Ulcer.
 - iv. Dagdha Vrana Burns, scalds, Dhumopaghata, Ushnavata, Frost bite, electric burns and their management.
 - v. Prameha Pidaka Diabetic carbuncle, Diabetic wound and its management.
 - vi. Kotha Gangrene and Principles of Amputation.
 - vii. Sadyo Vrana Traumatic wounds Nidana, Prakara, Lakshana, Upadrava and Chikitsa, Bites and stings and its management.
- 2. Pranasta Shalya Diagnosis and management.
- 3. Vranashopha-Inflammation, Vidradhi Abscesses and Pidika Boils.
- 4. Granthi Cyst and Arbuda Benign and malignant Neoplasm.
- 5. Bhagna Classification, Clinical features, Complications and Management.
- 6. Sandimoksha Classification, Clinical features, Complications and Management.
- 7. Udara Roga Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.

- 8. Gulma Roga Nidana, Prakara, Lakshana, Upadrava and Chikitsa.
- 9. Shoola vyadhi Nidana, Prakara, Lakshana, Upadrava and Chikitsa.
- 10. Diseases of Rectum and Anal Canal Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management of Arshas, Parikartika, Bhagandara, Guda Vidradi, Gudabhramsa and Sanniruddaguda.
- 11. Ashmari Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.
- 12. Mutraghata and Mutrakrichhra Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.
- 13. Niruddhaprakasha Phimosis, Parivartika Paraphimosis and Avapatika Prepuceal ulcer.
- 14. Vriddhi Roga Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and Management.

PAPER - III - ADHUNIK SHALYA KARMA - MODERN SURGERY

100 Marks 100 Hours

1. Fundamentals of modern surgery and treatment of surgical disorders including surgical anatomy, physiology and pathology.

CINE * STD

- 2. Diagnosis and Surgical treatment of head and spine injury, thoracic trauma and abdominal trauma. Blast injuries and Management.
- 3. Diagnosis and surgical measures for disorders of Artery, Vein, Ligaments, Muscles and Tendons.
- 4. Diagnosis and Surgical management of neck disorders e.g. salivary glands, thyroid, Thyroglossal cyst and Fistula, Branchial cyst and fistula, Cystic hygroma and Lympadenopathies.
- 5. Diagnosis and Surgical management of breast diseases, Benign and Malignant breast tumours.
- 6. Diagnosis and Surgical measures of diseases of Gastrointestinal system -
 - Oral cavity Oral ulcers, Oral cancer, Precancerous conditions, Submucosal fibrosis, Leukoplakia, Cleft lip and palate, Lip tumours, Mucosal cyst, Nasopharyngeal cancer, Tongue ulcer and cancer.
 - ii. Oesophagus Oesophageal varices, Dysphagia, Neoplasm, Strictures and Gastro oesophageal reflux.
 - iii. Stomach and duodenum Congenital anomalies, Injuries, Inflammation, Ulcer, Neoplasm, Pyloric stenosis, Acute dilatation, Hiatus hernia and Foreign bodies.
 - iv. Pancreas Congenital anomalies, Acute and Chronic pancreatitis, Calculi Neoplasm and Cysts of pancreas.
 - v. Peritoneum, Omentum, Mesentery, Retroperitoneal Space Peritonitis, Abscess, Neoplasm, Mesenteric cyst, Torsion of mesentery, Vascular thrombosis, Retroperitoneal cyst and Fibrosis.
 - vi. Abdominal mass Diagnosis and Management.
 - vii. Small intestine Congenital anomalies, Inflammation, Ulcer, Neoplasm, Stenosis, Injuries, Foreign bodies, Diverticuli, Peutz-jeghers syndrome, Chron's disease, Carcinoid tumours, Enteric perforation and Intestinal fistula.
- viii. Large intestine Congenital anomalies, Inflammation, Ulcer, Neoplasm, Stenosis, Injuries, Foreign bodies, Diverticuli, Faecal fistula, Amoebiasis and Familial polyposis coli.
- ix. Caecum and Vermiform appendix- Appendicitis, Appendicular abscess, Appendicular mass, Perforation, Carcinoid Tumor and other Neoplasm.
- x. Gastrointestinal bleeding Haemetemesis, Malaena, Haemobilia, Bleeding per anum Causes, Diagnosis and Management.

- xi. Rectum and anal canal Diagnosis and Surgical management of Congenital Anomalies, Inflammation, Ulcer, Neoplasm, Stenosis, Prolapse, Haemorroids, Fistula-in-ano, Fissure-in-ano, Anorectal Abscess, Incontinence, Injuries, Foreign bodies and Pilonidal sinus.
- 7. Umbilicus and abdominal wall Congenital anomalies, Umbilical infections, Sinus, Neoplasm and Desmoid tumor.
- 8. Diagnosis and surgical measures of diseases of Hepatobiliary system
 - i. Liver Abscess, Cyst Hydatid cyst, Primary and Secondary malignant tumours, Portal Hypertension and Budd-Chiari Syndrome.
 - ii. Gall bladder and Bile duct Congenital anomalies, Acute and Chronic Cholecystitis, Cholelithiasis, Neoplasm, Cholangitis, Stenosis, Choledocholith iasis, Choledochal cyst and Cholangiocarcinoma.
 - iii. Spleen Splenomegaly and Splenic Injury.
- 9. Diagnosis and surgical management of Hernias Inguinal, Femoral, Umbilical, Incisional, Abdominal wall and other hernias.
- 10. Endoscopic procedures Oesophagogastroduodenoscopy, Sigmoidoscopy and Colonoscopy.
- 11. Principles of laproscopic surgery Diagnostic and therapeutic laparoscopy.

PAPER -IV

VISHISHTA SHALYA VIGYAN - SPECIALITY

The Scholar has to choose the any one of the Specialities amongst the following based on research area

PAPER – IV - Speciality No - 01 Anushastra Vigyan – Parasurgical Therapeutics 100 Marks 100 Hours

1. Kshara Karma and Prayoga - Caustic therapy

- i. Introduction of different types of Kshara, Method of preparation, Standardization, pH value, Application, Complications and its management.
- ii. Surgical Anatomy and Physiology of Anus and Rectum.
- iii. Arshas Nidana, Purvaroopa, Roopa, Samprapti, Prakara and Chikitsa.
- iv. Haemorrhoids Aetio-pathogenesis, types and its surgical management. Knowledge of different methods of treating Haemorrhoids Rubber band ligation, D.G.H.A.L, Radiofrequency, Ablation, Cryo-surgery, Cautery, Laser, Infrared coagulation and other advanced techniques.
- v. Bhagandara Nidana, Purvaroopa, Roopa, Samprapti, Prakara, Chikitsa and application of Kshara Sutra.
- vi. Fistula-in-ano Definition, Aetio-Pathogenesis, Types, Diagnostic methods and its Surgical and parasurgical management including knowledge of Fibrin Glue, Advanced Flap Therapies and other recent techniques.
- vii. Parikartika Nidana, Samprapti and its Chikitsa.
- viii. Fissure-in-ano Aetio-pathogenesis, types and its management.
- ix. Sannirudhaguda and its Chikitsa.
- x. Anal Stenosis Aetio-pathogenesis and its management.
- xi. Gudavidradhi Nidana, Purvaroopa, Roopa, Samprapti, Prakara and its Chikitsa.
- xii. Anorectal abscesses Aetio- pathogenesis, types, complications and its management.
- xiii. Foreign body in rectum and anal canal Method of diagnosis and its management.
- xiv. Congenital Anorectal disorders and its management.
- xv. Anorectal tumour Types and its management.

2. Agnikarma - Thermo therapy

- i. Introduction, definition and importance of Agnikarma.
- ii. Agnikarma Poorva, Pradhana and Paschat karma, various substances and Shalakas used for Agnikarma and their indications, contra-indications and complications.
- iii. Knowledge of modern thermal equipment Diathermy, Laser therapy, Microwave, Ultracission technique, Cryo Technique and its uses.
- iv. Effect of Agnikarma on skin, muscle tissue, nerves, metabolism, blood circulation and infective lesions.

3. Raktamokshana - Bloodletting Procedures

- i. Indications, contraindications and importance of Raktamokshana.
- ii. Justification of usage of different types of Raktamokshana in various therapeutic applications.
- iii. Different types of Raktamokshana Sastrakritha Siravyadhana, Prachana and Asastrakritha Shringa, Jaluka, Alabu and Ghati.
- iv. Jalauka Nirukti, Paryaya, Bhedha, Sangrahana, Samrakshana, Jalaukavacharana Vidhi Poorva, Pradhana and Paschat karma.
- v. Knowledge of Leeches Morphology, Anatomy, Physiology, Bio-chemical effects of its various constituents present in its saliva.

PAPER - IV - SPECIALITY NO-02 ASTHI SANDHI EVAM MARMA VIGYAN - ORTHOPAEDICS

100 marks 100 Hours

- Asthi Sharira Etymology, Embryology, Applied Anatomy and Physiology of Asthi. Its Panchbhautik constitution, Poshan (Nutrition), Asthivaha Srotas, Upadhatu and Mala. Total Number and classification of Asthi. Concept of Dhatwagni in Ayurveda. Asthi Dhatu Kshaya and Vriddhi lakshana. Knowledge about Tarunasthi. Embryology, Ossification, Histology, Metabolism, Blood Supply, Types and Biomechanics of Bone and cartilage.
- 2. Healing mechanism of bone and factors influencing the bone healing according to Ayurvedic and Modern concept. Biological and Biophysical technologies for the Enhancement of Fracture Repair. Knowledge of Sandhaniya and Ropaniya drugs.
- 3. Sandhi Sharira Classification, Applied Anatomy and Physiology of Asthi Sandhi. Classification, Applied Anatomy and Physiology of Joints and Healing Mechanism of a joint.
- 4. Knowledge of Splints, Orthotics & Prosthetics.
- 5. Knowledge of Orthopedic implants (e.g. wires, screws, plates, nails) and Instruments. Knowledge of equipments (e.g. C-arm image intensifier and drill machines etc).
- 6. Concept of Pain according to Ayurved and Modern Medical science.
- 7. Principles of Reconstruction, Transplantation, Bone grafting, Bone Banking, Bone transportation and Amputation.
- 8. Vata Vikara Asthi, Sandhi and Marma related Vata Vikara like Gridhrasi, Bisvachi, Avabahuka, Manyastambha, Khalvi, Dhatugata vata, Snayugata vata, Katishoola, Katigraha.
- 9. Diseases pertaining to Muscles, Tendons, Ligaments, Fascia and Bursae.
- 10. Diseases and Congenital anomalies of Spine e.g. Ankylosing spondylitis, Infective conditions, Tuberculosis, Spondylolisthesis, Inter-vertebral Disc Prolapse,

- Spondylosis, Scoliosis, Kyphosis, spina bifida, Hemivertebra, Block vertebra, Sacralisation and Lumbraisation.
- 11. Diseases and Congenital anomalies of Cervical Spine
- 12. Diseases and Congenital anomalies Sacroiliac Joint and Bony Pelvis.
- 13. Diseases and Congenital anomalies of Hand.
- 14. Diseases and Congenital anomalies of Foot.
- 15. Diseases and Congenital anomalies of Limbs.
- 16. Orthopedic Neurological Disorders. Post Polio Paralysis & Cerebral Palsy.
- 17. Snehana, Swedana and Panchakarma in Marma, Asthi and Sandhi Vyadhi.
- 18. Yogic Practices in Orthopedics.
- 19. Principles of Arthroplasty- Joint Replacement.
- 20. Introduction of Peripheral Vascular Diseases.
- 21. Bhagna Etiology, classification and General Management principles and Prognosis.
- 22. Modern concept of Bone and Joint injuries Etiology, Epidemiology, Classification and General management principles.
- 23. Individual Bone and Joint injuries Etiology, Epidemiology, Classification and management principles.
- 24. External immobilization techniques Classical and traditional Kusha -splints, Plaster of Paris Technique, Knowledge of different splints and Plasters.
- 25. Pathological Fractures including Fragility fractures, Stress Fractures and Periprosthetic Fractures.
- 26. Fractures in Children Etiology, Epidemiology, Diagnosis, management and complications.
- 27. Prognosis of skeletal injuries, Complications of Fractures and Joint Injuries e.g. Myositis ossificans, Volkman's ischemic contracture, Compartment syndrome, Crush Syndrome, DVT, Thromboembolism, Fat Embolism.
- 28. Rehabilitation of trauma patient and Principles of Sukhchestaprachara Physiotherapy and its use in skeletal injuries.
- 29. Treatment Principles of Asahanta Bhagna Non-unions, Vishmolvana Sahanta Malunions and Ignored or un-reduced dislocations.
- 30. Diagnosis and management principles of injuries of Vessels, Nerves, Tendons and Ligaments.
- 31. Head, Chest and Abdominal Injuries and management principles.
- 32. Pelvis and Spine injuries and their management principles.
- 33. Sports medicine and sports injures Sports medicine and sports related Shoulder injuries, Elbow injuries, Knee injuries, Ankle Injuries, Recurrent Dislocations and other sports related injuries.
- 34. Knowledge of Conventional and advanced procedures being done for Different Bone and Joint Injuries e.g. Open Reduction and Internal Fixation, Closed Reduction and Internal Fixation, External fixators and other operative techniques.
- 35. Knowledge of Plastic Surgery in orthopedics and Bone grafting techniques.
- 36. Knowledge of various surgical procedures being done for Different Bone and Joint Diseases.
- 37. Hand Surgery for Diseases, Deformities and Injuries.
- 38. Foot Surgery for Diseases, Deformities and Injuries.
- 39. Amputations and Arthrodesis General Principles of Amputations /Arthrodesis and regional Amputations.
- 40. Knowledge of Diagnostic and Theraputic Arthroscopy.

PAPER - IV - SPECIALITY NO-03 SANGYAHARAN VIGYAN - ANAESTHESIOLOGY

100 MARKS 100 HOURS

- 1. Knowledge of disorders like Unmada, Apasmara, Mada, Murrcha, Sanyasa and Stabdhata etc.
- 2. Madataya, Stages of Madataya and its management.
- 3. Pharmacology of Medhya, Vednasthapak, Madkari, Sangyasthapak, Nidrajanan, Akshepjanan and shamana, Svedjanan, Hridyae, Hridyotejak, Raktbharshamak, Shoolprashaman, Vaman and hrillashar (Antiemetic) dravya as mentioned in Ayurvedic samhita and their application in Sangyaharan.
- 4. Aroma therapy as complementary and alternative therapy in pain management and Palliative care.
- 5. Sangyaharan Bheshaja Vigyan (Pharmacology related to Anesthesia) Pharmacology of:
 - Drugs acting on Autonomic nervous system:
 - a .Cholinergic system and drugs- Agonist and antagonist
 - b .Adrenergic system and drugs- Agonist and antagonist
 - Autocoids and related drugs:
 - a. Histamine and Antihistaminic
 - b. 5HT and antagonist
 - c. NSAID'S
 - d. Prostaglandins and leukotrienes
 - Drugs acting on Respiratory system
 - Drugs acting on Somatic nervous system
 - a. Skeletal muscle relaxants Depolarizer and Non-Depolarizer.
 - b. Local anesthetics
- Drugs acting on central nervous system
 - a. General Anesthetics- Fixed and Volatile anesthetic agents.
 - b. Sedative and hypnotics
 - c. Anti epileptics
 - d. Anti psychotic and anti-maniacs
 - e. Opioids Analgesics and antagonists
- Drugs acting on cardiovascular system
 - a. Cardiac glycosides
 - b. Anti arrhythmic drugs
 - c. Anti anginal and other anti ischemic drugs
 - d. Anti hypertensive drugs
- Drugs acting on Kidneys
 - a. Diuretics
 - b. Anti diuretics
- Coagulants and anti coagulants
- 6. Airway management- Intubation, failed intubation drill, LMA, Bag and mask ventilation.
- 7. Anesthesia For: General surgery, Obstetric and Gynecology, E.N.T. and Ophthalmic, Orthopedic, Dental, Pediatric, Urology, Plastic and Outpatient / Day care surgery.
- 8. Anesthesia for patients with: Diabetes mellitus, Thyroid diseases, inherited metabolic diseases, Obesity, Respiratory diseases, Cardiac diseases, Renal diseases, Geriatric problems and neuromuscular diseases.
- 9. Regional anesthesia:
 - Sub-arachnoid and epidural anesthesia, analgesia
 - Plexus and nerve blocks for upper and lower limb
 - Regional anesthesia for thorax and abdomen
 - Surface anesthesia, infiltration and field blocks

- 10. Complications of Regional and general anesthesia, morbidity, mortality and medicolegal aspects.
- 11. Anesthesia for Endoscopic, laparoscopic Surgery and Laser Surgery

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- a. Monitoring in anesthesia:
 - Cardiovascular, Respiratory, Renal function, Neurologic and neuromuscular monitoring.
 - Peri- operative Thermo- regulation and monitoring
 - Peri- operative awareness and monitoring depth of anesthesia with BIS.
 - Peri- operative acid-base balance
 - Pt's positioning in anesthesia, its hazards and management
 - Peri- operative Fluid management and Blood transfusion.
 - Risks and hazards of anesthesia
- b. Anesthesia equipments -
 - Medical gas systems
 - Breathing systems
 - Ventilators
 - Anesthesia machine
- c. Post operative management-
 - Post anesthesia care
 - Post operative nausea and vomiting
 - Post operative Intra-Venous fluid therapy
 - Acute post operative pain
- d. Miscellaneous-
 - HDU, ICU, CCPR- BLS & ACLS.
 - Parentral nutrition.
 - Environmental factor and electrical safety
- e. Management of Acute / Chronic Pain-
 - Assessment of pain
 - Peri-operative pain
 - Chronic pain syndrome-detection and prevention
 - WHO regime for Cancer pain
 - TENS, Behavioral therapy
- f. Anesthesia in remote locations
- g. Clinical care in extreme environments (At high and low pressure and space).
- h. Relevance of Sammohana (Hypnosis), Acupressure and Acupuncture in Sangvaharan.
- i. Recent advances in research in Sangyahrana, Pain Management and Palliative Care. Scope and Application of principles of Ayurveda in Sangyahrana Research.

PAPER - IV - SPECIALITY NO - 04 MUTRA ROGA - UROLOGY

100 MARKS 100 HOURS

- 1. Anatomical and physiological knowledge of kidney, ureter, urinary bladder, prostate, seminal vesicles, urethra and penis.
- 2. Investigations of Mutravaha Srotas Urinary tract.
- 3. Aetiopathogenesis, Classification, Clinical features, Diagnosis, Complications and management of Ashmari Urinary stone diseases.
- 4. Kidney and ureter Clinical presentation, Investigations and Management of Congenital anomalies, Trauma, Infection, Neoplasm, Hydronephrosis, Hydroureter and Haematuria.
- 5. Urinary bladder Clinical presentation, Investigations and Management of Congenital anomalies, Trauma, Infection, Neoplasm, Diverticulum, Vesico-vaginal

- fistula, Atony, Schistosomiasis, Urinary diversions, Retention of urine Mutraghata and Mutrakruccha.
- 6. Urethra Clinical presentation, Investigations and Management of Congenital anomalies Hypospadias, Epispadias, Posterior urethral valve, Trauma, Infection, and Neoplasm.
- 7. Prostate and seminal vesicles Benign and malignant enlargement of prostate, Prostatitis, Prostatic abscess and Calculi.
- 8. Penis Clinical presentation, Investigations and Management of Congenital anomalies, Trauma, Infection, Phimosis, Paraphimosis, Peyronie's disease and Neoplasm.
- 9. Testis and scrotum-Clinical presentation, Investigations and Management of Congenital anomalies, Ectopic testis, Trauma, Infection, Neoplasm, Testicular torsion, Hydrocele, Varicocele, Spematocele, Chylocele, Pyocele, Haematocele, Epididymal cyst and Fournier's gangrene.
- 10. Renal failure Causes, Diagnosis, Investigations and Management.

PRACTICALS

Content:

- 1. Identification, uses, demonstration of surgical instruments and methods of sterilization.
- 2. Training of case taking, bed side clinicals and case presentation.
- 3. Training of Surgery related Diagnostic imaging techniques.
- 4. Training of Surgery related Pre-operative, Operative and Post-operative procedures.
- 5. Demonstration and Practical training in Anaesthesia.
- 6. P.G. Scholars shall develop the skills by observing, assisting and performing independently all surgical and parasurgical procedures.
- P.G. Scholars shall develop the skills by observing, assisting and performing independently concerned specialities like Anushastra Vigyan - Parasurgical therapeutics, Asthi Sandhi Evam Marma Vigyan - Orthopaedics, Sangyaharan Vigyan - Anaesthesiology, Mutra Roga - Urology etc.
- 8. Training of Surgical Emergencies and Trauma Management.

METHODS OF TRAINING AND TEACHING FOR M.S. (AYU) SHALYA TANTRA

•	Case Presentation	Once a Week
•	Seminar	Once a Week
•	Classroom Lectures	Thrice a Week
•	Morbidity / Mortality	Once a Week
•	Surgical Audit	Once a month
•	Journal Club	Once a month
•	Emergency Drills / Protocols	Once a Week
•	Interesting Cases	Once a Month
•	Assessment of Scholar	Once a Month

Minimum Academic Requirements For PG Scholars

Case Presentation Ten per year Seminar Five per year Journal club One per year

Distribution of marks (practical):

1. Dissertation Presentation and Teaching demonstration - 20 marks

2. Bedside clinical case taking-

- 20 marks Long case - 10 marks Short case 3. Identification of instruments, images etc - 10 marks 4. Demonstration of Surgical and Parasurgical Procedures - 10 marks 5. Viva voce - 30 marks

REFERENCE BOOKS:

- 1. Sushruta Samhita
- 2. Ashtanga Sangraha
- 3. Ashtanga Hridaya
- 4. Charaka Samhita
- 5. The Surgical instruments of the Hindus
- 6. Shalya Tantra Samuchchaya
- 7. Shalya Vigyan (Part 1-2)
- 8. Shalya Samanyaya (Part 1-2)
- 9. Shalya Pradeepika
- 10. Soushruti
- 11. Clinical Shalya Vigyan
- 12. Bhagna Chikitsa

- Girindranath Mukhopadhyaya
- Pandit Ramadesh Sharma
- Dr. Surendra Kumar Sharma
- Vd. Anantaram Sharma
- Dr. Mukund Swaroop Verma
- Dr. Ram Nath Dwivedi
- Dr. Akhilanand Sharma
- Dr. Prabhakar Janardhan Deshpande

- 13. Kshara sutra management in anorectal ailments -Dr. S.K. Sharma, Dr. K.R. Sharma and Dr. Kulwant Singh.
- 14. A manual on Fistula-in-ano and Ksharasutra Therapy Dr. Manoranjan Sahu
- 15. Recent trends in the management of Arshas / Haemorrhoids
 - Dr. P. Hemantha Kumar

Dr. P.D. Gupta

- Vd. Kanak Prasad Vyas

- Dr. P. Hemantha Kumar

- Dr. M. Bhaskar Rao

- Dr. M. Bhaskar Rao

- Dr. K.K.Takral

- Dr. S.N.Pathak

- Vd. S.G. Joshi - Dr. D.N. Pande

- Dr. D.N. Pande

- Dr. D.N. Pande

- Dr. Lakshman Singh

- 16. Anorectal diseases in Ayurveda Dr. Sizoria and Dr. Praveen Kumar Chowdary.
- 17. Adhunika Shalya Chikitsa Siddanta Dr. Katil Narshingham Udupa
- 18. Agnikarma Technology Innovation
- 19. Shalya Tantra Ke Siddhant
- 20. Arsha Evum Bhagander Mein sutra Avacharan
- 21. Recent advances in Kshara Sutra
- 22. Leech application in Ayurveda
- 23. Kshara Sutra
- 24. Text book of Shalya Tantra (Ayurvedic Surgery)
- 25. Shalya Shalakya Tantra
- 26. Surgical ethics of Ayurveda
- 27. Anushastra Karma
- 28. Concept of Vrana is Ayurveda
- 29. Significance for Poorva Karma in Surgical Patient Dr. Lakshman Singh
- 30. Sangyaharan Prakash
- 31. Marma Science and Principles of Marma Therapy Dr. Sunil Kumar Joshi
- 32. Recent trends in the management of Bhagandara / Fistula-in-ano
 - Dr. P. Hemantha Kumar
- 33. Principles and Practice of Agnikarma - Dr. Anand Kumar and

34. Shalya Viqyan (Sachitra)

35. Text book of Surgery

36. Operative Surgery

37. Bailey and Love's Short Practice of Surgery

38. Text books of Operative Surgery

39. Principles of Surgery

40. Emergency Surgery

41. Manipal Manual of Surgery

42. SRB's Manual of Surgery

43. Surgery of the Anus, Rectum and Colon

44. Surgical pathology

45. Clinical methods in surgery

46. Textbook of Operative Surgery

47. A concise Text Book of Surgery

48. A manual on Clinical Surgery

49. A System of Surgical Diagnosis

50. Clinical Anatomy/ Surgical Anatomy

51. A Practical Guide to Operative Surgery

52. Manual of Surgical Instruments

53. Ward Procedures

54. Drugs and Equipment for Anaesthesia

55. Primary Anaesthesia

56. Synopsis of Anaesthesia

57. Miller's Anesthesia

58. Synopsis of Anesthesia

59. Practice of Anesthesia and Resuscitation

60. Essentials of Anesthesiology

61. Clinical Anesthesia

62. Textbook of Anesthesia

63. Practice of Anesthesia

64. Anesthesia and co-existing disease

65. Outline of Orthopedics

66. Fractures and Joint Injuries

67. Outline of Fracture

68. Practical Fracture Treatment

69. Clinical Orthopedic Examination

70. Apleys System of Orthopedics

71. Orthopedics – Principles & their Application

72. Text book of Orthopedics and Trauma Vol. I-IV

73. Campbell's Operative Orthopedics

74. Urology

75. Urology Instrumentation: A comprehensive guide - Sabnis Ravindra B

76. Text book of Operative Urology

77. Oxford Hand book of Urology

78. Smith and Tanagho's General Urology

79. Urological Emergencies in Clinical Practice

Dr. Kanchan Shekokar.

- Anantram Sharma

- Sabistan

- Rob and smith

- Norman.S. Williams, Charles.V.

Mann and R.C.G. Russell

- Farguharson's

- Schwartz

- Hamilton Bailev's

- Dr. Rajgopal Shenoy

- Sriram Bhat M

- John Goligher

- Willing Worth

- S. Das

- S. Das

- S. Das

- S. Das

- T.N. Patel

John E.Skandalakis

- S. Das

- M.M. Kapur

- Patel Mansukh. B

- Arun kumar

Maurice King

- Lee

Ronald D Miller

- Alfred Lee

Dr.P.K. Gupta et al.

Prof. A.K. Paul

Prof. A.K. Paul

Aitkenhead

Churchill Davidson

- Stoelting's

John Crawford Adams and

David Hamblen, L

- Watson-Jones

John Crawford Adams

- R.McRae

- R.McRae

Apley Louis Solomon

- Vol. I-II - Samuel L. Turek

- G.S. Kulkarni

- Vol. I-IV

- Campbell-Walsh

- F.F.Marshall, J.W.McAninch

- John Reynard, Simon Brewster

- Jack W. McAninch, Tom F.Lue

- Hashim, John Reynard

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